

04CD 04-18-01

OIPE

FF3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/811,094

DATE: 04/05/2001
TIME: 12:07:58

Input Set : A:\420d4.app.txt
Output Set: N:\CRF3\04052001\I811094.raw

ENTERED

4 <110> APPLICANT: Anderson, Christen M.
5 Davis, Robert E.
6 Clevenger, William
7 Wiley, Sandra Eileen
8 Willer, Scott W.
9 Szabo, Tomas R.
10 Ghosh, Soumitra S.
11 Moos, Walter H.
12 Pei, Yazhong
14 <120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT),
15 NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
17 <130> FILE REFERENCE: 660088.420D4
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/811,094
20 <141> CURRENT FILING DATE: 2001-03-14
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 894
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
31 <400> SEQUENCE: 1
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33 gtctccaaga ccgcgggtcgccc catcgag agggtaaac tgctgctgca ggtccagcat 120
34 gccagcaaaac agatcagtgc tgagaaggag tacaaaggga tcatttatttg tgggtgaga 180
35 atccctaagg agcagggtttt ccttccttc tggaggggtt acctggccaa cgtgatccgt 240
36 tacttccccca cccaaatctt caacttcgccc ttcaaggaca agtacaagca gctcttctta 300
37 gggggtgtgg atcggataaa gcagttctgg cgctactttt ctggtaacctt ggcgtccgg 360
38 gggggccgtg gggccacccctt cctttgtttt gtctaccgc tggactttgc taggaccagg 420
39 ttggctgtg atgtggccag ggcgcggccag cgtgaggtttcc atggctctgg cgaactgtatc 480
40 atcaagatct tcaagtcttga tggctgttgg gggctctacc agggtttcaa cgtctctgtc 540
41 caaggcatca ttatctataag agctgcctac ttccggatctt atgataactgc caaggggatg 600
42 ctgcctgacc ccaagaacgt gcacatttt gtgagctgga tgatttgc gactgtgacg 660
43 gcagtcgcag ggctgtgtc ctacccctt gacactgttc gtcgttagaat gatgtgcacg 720
44 tccggccggaa aaggggccga tattatgtac acggggacag ttgactgtc gaggaagatt 780
45 gcaaaagacg aaggagccaa ggcatttttc aaagggtgcct ggtccaatgt gctgagaggc 840
46 atggggcggtt cttttgtatt ggtgttgc tatgatc aaaaatatgt cttaa 894
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 897
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapien
53 <400> SEQUENCE: 2
54 atgacagatg ccgcattgtc ttgcgttcaag gacttcctgg caggtggagt ggccgcagcc 60
55 atctccaaga ccgcgggttgc gcccattcgag cgggtcaagc tgctgctgca ggtgcagcat 120
56 gccagcaaggc agatcactgc agataagca tacaaaggca ttatagactg cgtggccgt 180
57 attcccaagg agcaggaatg tctgttccctt tggcgccgtt acctggccaa tgcgtatcaga 240
58 tacttccccca cccaggatct taacttcgccc ttcaaggata aatacaagca gatcttcttg 300
59 ggtgggtgtgg acaagagaac ccagttttgg cgctactttt cagggatctt ggcattccgg 360

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60	gggccgcag gggccacatc cctgtgttt gtgtaccctc ttgattttgc ccgtaccgt	420
61	ctagcagctg atgtggtaa agctggagct gaaaggaaat tccgaggcct cggtactgc	480
62	ctggtaaga tctacaatac tgatggatt aagggcctgt accaaggctt taacgtgtct	540
63	gtgcagggtt ttatcatcta ccgagccgc tacttcggta tctatgacac tgcaaaggga	600
64	atgcttcggg atcccaagaa cactcacatc gtcacatcgat ggatgatgc acagactgtc	660
65	actgctgttgc cgggttgc ttcatatcca tttgacaccg ttcgcgcgc catgatgatg	720
66	cagtcaaggc gcaaaggaaat gacatcatg tacacaggca cgcttgactg ctggcggaaag	780
67	attgctcgatg atgaaggagg caaagttt ttcaagggtt catggccaa tttctcaga	840
68	ggcatgggtt gtgtttgt gcttgttgc tatgtgaaa tcaagaagta cacataa	897
70	<210> SEQ ID NO: 3	
71	<211> LENGTH: 897	
72	<212> TYPE: DNA	
73	<213> ORGANISM: Homo sapien	
75	<400> SEQUENCE: 3	
76	atgacggAAC aggccatctc cttcgccaaa gacttcttgg ccggaggcat cggccgcgc	60
77	atctccaaga cggccgtggc tccgatcgag cgggtcaagc tgctgtgc ggtccagcac	120
78	gcacgcaagc agatcgccgc cgacaaagcag tacaaggca tcgtgactg cattgtccgc	180
79	atccccaaagg agcaggcggt gctgtcctt tggagggca accttgcac cgtcattcgc	240
80	tacttccccca ctcaagccct cacttcgc ttcaaggata agtacaagca gatcttcctg	300
81	ggggcgtgg acaagcacac gcacgttctgg aggtacttgc cggcaacct ggcctccggc	360
82	gttgcggccg ggcgcacatc cctctgttgc gtgtacccgc tggatgtgc cagaacccgc	420
83	ctggcagcgg acgtggaaa gtcaggcaca gagcgcgatg tccgaggcct gggagactgc	480
84	ctggtaagaat tcaccaatgc cgacggcata cggggcctgt accaggcctt cagtgtctcc	540
85	gtgcaggcgc tcatcatcta ccggcggcc tacttcggcg tgtacatac ggcaaggc	600
86	atgctccccca accccaaagg cacgcacatc gtggtgagct ggatgatgc gcagaccgtg	660
87	acggccgtgg ccggcgtggt gtcttacccc ttgcacacgg tgcggcggc catgatgatg	720
88	cagtccggc gcaaaggaggc tgacatcatg tacacggca ccgttgactg ttggaggaag	780
89	atcttcagag atgagggggg caaggccatc ttcaagggtt cgtggccaa cgtcctgcgg	840
90	ggcatggggg ggccttcgt gctggtcctg tacgacgagc tcaagaaggat gatctaa	897
92	<210> SEQ ID NO: 4	
93	<211> LENGTH: 43	
94	<212> TYPE: DNA	
95	<213> ORGANISM: Artificial Sequence	
97	<220> FEATURE:	
98	<223> OTHER INFORMATION: PCR Primer	
100	<400> SEQUENCE: 4	
101	ttatatctcg agtatgggtt atcacgtttt gagcttcata aag	43
103	<210> SEQ ID NO: 5	
104	<211> LENGTH: 43	
105	<212> TYPE: DNA	
106	<213> ORGANISM: Artificial Sequence	
108	<220> FEATURE:	
109	<223> OTHER INFORMATION: PCR Primer	
111	<400> SEQUENCE: 5	
112	tatataggta ctttagacat attttttgtat ctcatac aac	43
114	<210> SEQ ID NO: 6	
115	<211> LENGTH: 43	
116	<212> TYPE: DNA	
117	<213> ORGANISM: Artificial Sequence	

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119 <220> FEATURE:
120 <223> OTHER INFORMATION: PCR Primer
122 <400> SEQUENCE: 6
123 ttatatctcg agtatgacag atgcgcgtgt gtccttcgcc aag 43
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: PCR Primer
133 <400> SEQUENCE: 7
134 tatataggta ccttatgtgt acttcttgat ttcatcatac aag 43
136 <210> SEQ ID NO: 8
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 8
145 ttatatctcg agtatgacgg aacaggccat ctcccttcgcc aaa 43
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 44
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PCR Primer
155 <400> SEQUENCE: 9
156 tatataggta ccttagagtc accttcttga gctcgtcgta cagg 44
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 21
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Sequence primer
166 <400> SEQUENCE: 10
167 tatGCCATAG CATTTTTATC C 21
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 18
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Sequence primer
177 <400> SEQUENCE: 11
178 CGCCAAAACA GCCAAGCT 18
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 45
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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Input Set : A:\420d4.app.txt
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186 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
188 <400> SEQUENCE: 12
189 ggagatggcc tggatcgta tcttatcgac atcgtcgat agatc 45
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 45
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
199 <400> SEQUENCE: 13
200 gatctgtacg acgatgacga taagatgacg gaacaggcca tctcc 45
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 35
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: PCR primer
210 <400> SEQUENCE: 14
211 cccggggaaat tctgtatgacg gaacaggcca tctcc 35
213 <210> SEQ ID NO: 15
214 <211> LENGTH: 34
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: PCR primer
221 <400> SEQUENCE: 15
222 cccggggctcg agttagatgc accttcttga gtc 34
224 <210> SEQ ID NO: 16
225 <211> LENGTH: 41
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: PCR primer
232 <400> SEQUENCE: 16
233 ttataggatc catgacggaa caggccatct cttcgccaa a 41
235 <210> SEQ ID NO: 17
236 <211> LENGTH: 41
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: PCR primer
243 <400> SEQUENCE: 17
244 ttaaagaattt ctttagatcac cttcttgagc tcgtcgatca g 41
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 18
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Sequencing primer

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Input Set : A:\420d4.app.txt
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254 <400> SEQUENCE: 18
255 aaatgataac catctcgc 18
257 <210> SEQ ID NO: 19
258 <211> LENGTH: 18
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Sequencing primer
265 <400> SEQUENCE: 19
266 acttcaagga gaatttcc 18
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 18
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Sequencing primer
276 <400> SEQUENCE: 20
277 acttcgcctt cacggata 18
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 18
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Sequencing primer
287 <400> SEQUENCE: 21
288 tacggccaag ggcattct 18
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 18
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Sequencing primer
298 <400> SEQUENCE: 22
299 tgaaggcgaa gttcctat 18
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 18
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Sequencing primer
309 <400> SEQUENCE: 23
310 atgccgggttc ccgtacga 18
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 31
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
320 <400> SEQUENCE: 24

VERIFICATION SUMMARY DATE: 04/05/2001
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Input Set : A:\420d4.app.txt
Output Set: N:\CRF3\04052001\I811094.raw

L:19 M:270 C: Current Application Number differs, Wrong Format